SUBJECT INDEX

Anisotropy, p. 327
Atmospheric gases, p. 102
Blowing agent, pp. 70, 102, 112, 126, 158, 310, 397
Bosch panels, p. 190
C-pentane, p. 70
Carbon dioxide, pp. 112, 397
Carbon dioxide foaming, p. 102
Cell-gas composition, p. 190
Cell structure, pp. 286, 327
Cellular PVC, p. 126
Chemical blowing agents, p. 310
Compressive strength, p. 190
Cyclopentane, p. 190
Diffusivity, p. 158
Endo-exothermic balanced, p. 126
Ethylene styrene interpolymers, p. 397
Expanded polypropylene, p. 310
Extrusion, p. 112
Extrusion foaming, pp. 102, 126
Foam, pp. 20, 102, 158, 310, 360, 386, 397
  closed-cell, p. 451
  hydrocarbon blown rigid polyurethane, p. 475
  microcellular, p. 112
  microcellular PVC, p. 148
  PET, p. 102
  rigid, pp. 70, 190
  rigid polyurethane, p. 45
  spray, p. 360
  viscoelastic, p. 15
Gas diffusion, p. 451
HCFC-141b, p. 360
HCFC-22, p. 397
Hot mold, p. 20
Hydrocarbon, pp. 70, 475
Injection molding, p. 20
Insulation, pp. 70, 190, 441, 475
Isobutane, pp. 70, 397
Isocyanate, pp. 70, 386
Isopentane, pp. 70, 190
k-Factor, p. 190
Microphase separation, p. 15
NMR, p. 286
PET, p. 102
PET rheology, p. 102
PET viscoelasticity, p. 102
Phase transition, p. 20
Physical blowing agents, pp. 102, 112
Polyesterpolyol, p. 286
Polyethylene, pp. 20, 397
Polymer blends, p. 397
Polyol, p. 70
Polypropylene, pp. 310, 397
Polystyrene, pp. 158, 397
Polyurea, p. 386
Polyurethane, pp. 70, 286, 327, 386, 441
Recycling, p. 386
Solubility, p. 158
Sorption, p. 158
Split tear, p. 286
Thermal conductivity, pp. 45, 327, 441
Thermal decomposition, p. 310
Thermoforming, pp. 102, 310, 386
Transport properties, p. 158
Vacuum insulation panels, p. 441
Vapor phase thermal conductivity, p. 45

SUBJECT INDEX

Anisotropy, p. 327
Atmospheric gases, p. 102
Blowing agent, pp. 70, 102, 112, 126, 158, 310, 397
Bosch panels, p. 190
C-pentane, p. 70
Carbon dioxide, pp. 112, 397
Carbon dioxide foaming, p. 102
Cell-gas composition, p. 190
Cell structure, pp. 286, 327
Cellular PVC, p. 126
Chemical blowing agents, p. 310
Compressive strength, p. 190
Cyclopentane, p. 190
Diffusivity, p. 158
Endo-exothermic balanced, p. 126
Ethylene styrene interpolymers, p. 397
Expanded polypropylene, p. 310
Extrusion, p. 112
Extrusion foaming, pp. 102, 126
Foam, pp. 20, 102, 158, 310, 360, 386, 397
  closed-cell, p. 451
  hydrocarbon blown rigid polyurethane, p. 475
  microcellular, p. 112
  microcellular PVC, p. 148
  PET, p. 102
  rigid, pp. 70, 190
  rigid polyurethane, p. 45
  spray, p. 360
  viscoelastic, p. 15
Gas diffusion, p. 451
HCFC-141b, p. 360
HCFC-22, p. 397
Hot mold, p. 20
Hydrocarbon, pp. 70, 475
Injection molding, p. 20
Insulation, pp. 70, 190, 441, 475
Isobutane, pp. 70, 397
Isocyanate, pp. 70, 386
Isopentane, pp. 70, 190
k-Factor, p. 190
Microphase separation, p. 15
NMR, p. 286
PET, p. 102
PET rheology, p. 102
PET viscoelasticity, p. 102
Phase transition, p. 20
Physical blowing agents, pp. 102, 112
Polyesterpolyol, p. 286
Polyethylene, pp. 20, 397
Polymer blends, p. 397
Polyol, p. 70
Polypropylene, pp. 310, 397
Polystyrene, pp. 158, 397
Polyurea, p. 386
Polyurethane, pp. 70, 286, 327, 386, 441
Recycling, p. 386
Solubility, p. 158
Sorption, p. 158
Split tear, p. 286
Thermal conductivity, pp. 45, 327, 441
Thermal decomposition, p. 310
Thermoforming, pp. 102, 310, 386
Transport properties, p. 158
Vacuum insulation panels, p. 441
Vapor phase thermal conductivity, p. 45

AUTHOR INDEX

AbiSaleh, T., p. 360
Altoe, P., p. 70
Anjum, Q., p. 386
Barry, R. P., p. 397
Barthélemy, P., p. 267
Broos, R., p. 207
Burnham, T., p. 148
Casati, F. M., p. 207
Chandler, C., p. 327
Chang, C.-C., p. 441
Chaudhary, B. I., p. 397
Chen, L. p. 148
Christova, D., p. 29
Clavel, P., p. 70
Cordelair, H., p. 294
Dean, G. H., p. 70
Deweerdt, M., p. 148
Dey, S. K., p. 102
Dixon, D., p. 310
Dohrn, R., p. 45
Dournel, P., p. 267
Fedorov, A. G., p. 451
Feighan, J., p. 360
Frisch, K. C., p. 386
Fujino, H., p. 475
Gebreselassie, G. M., p. 386
Harkin-Jones, E., p. 310
Hayashi, O., p. 475
Heinemann, T., p. 45
Herrington, R. M., p. 207
Huang, Q., p. 112
Inaoka, K., p. 15
Inoue, H., p. 475
Kageoka, M., p. 15
Kaneda, T., p. 475
Kawasaki, H., p. 475
Kiuchi, K., p. 286
Klaen, W., p. 45
Klempner, D., p. 386
Kotzev, G., p. 29
Kumaki, T., p. 15
Lee, S. T., p. 374
Lin, J.-Y., p. 441
Martin, P. J., p. 310
Mathis, N., p. 327
Miyamoto, K., p. 286
Moore, S. E., p. 57
Mori, M., p. 286
Nedkov, E., p. 29
Parenti, V., p. 70
Park, C. P., p. 158
Paul, D., p. 112
Perugini, C., p. 148
Pilon, L., p. 451
Quintans, J., p. 102
Ramesh, N. S., p. 374
Sawai, M., p. 286
Schilling, S. L., p. 190
Seibig, B., p. 112
Sendijarevic, V., p. 386
Shibata, M., p. 475
Sikorski, M., p. 294
Singh, S., p. 360
Stewart, R., p. 360
Tairaka, Y., p. 15
Takemura, K., p. 286
Tao, W.-H., p. 441
Touleshkov, N., p. 29
Tusim, M. H., p. 397
Vanvuchelen, J., p. 148
Viskanta, R., p. 451
Wang, J., p. 126
Wehman, C., p. 294
WeiPing, G., p. 126
Williams, S. J., p. 57
Wolf, H. G., p. 386
Wu, J., p. 126
Wu, Q., p. 126
Xanthos, M., p. 102
Yourd, R., p. 45
Zhang, Q., p. 102
Zhen, H. Y., p. 126
Zhou, Q., p. 126
Zipfel, L., p. 267